

EXPERIMENT – 9

TITLE: Wrapper Classes

- 1) Write a Java code that converts int to Integer converts Integer to String converts String to int converts int to String converts String to Integer converts Integer to int.

```
public class Wrapper {  
  
    public static void main(String[] args)  
    {  
        int a = 20;  
  
        Integer i = Integer.valueOf(a);  
        Integer j = a;  
        System.out.println("int to Integer value:"+j);  
  
        Integer a2 = new Integer(100);  
        String a3 = Integer.toString(a2);  
        System.out.println(a3);  
  
        String str2 = "1000";  
        Integer j2= Integer.parseInt(str2);  
        System.out.println("String to int value:"+j2);  
  
        int j3 = 100;  
        String s = String.valueOf(j3);  
        System.out.println("int to String:"+j3);  
  
        String str = "100";  
        Integer obj2 = Integer.valueOf(str);  
        System.out.println("String to Integer:" +obj2);  
  
        Integer a1 = new Integer(3);  
        int i1 = a1.intValue();  
        int j1 = a1;  
        System.out.println(j1);  
    }  
}
```

- 2) Write a Java code that converts float to Float converts Float to String converts String to float converts float to String converts String to Float converts Float to float.

```
public class Wrapper2 {  
  
    public static void main(String[] args)  
    {  
        float f = 10.00f;  
        float f1 = new Float(f);  
        System.out.println("float to Float:"+f1);  
  
        Float fObj = new Float(10.25);  
        String str = fObj.toString();  
        System.out.println(str);  
  
        String str4 = "10.00";  
        Float f3 = Float.parseFloat(str4);  
        System.out.println("String to Float:"+f3);  
    }  
}
```

```
Float f6 = 10.00f;  
String s3 = String.valueOf(f6);  
System.out.println("Float to String:"+f6);
```

```
String str2 = "76.00";  
float f7 = Float.parseFloat(str2);  
System.out.println("String to Float"+f7);
```

```
Float f4 = 10.00f;  
Float f5 = f4.floatValue();  
System.out.println("Float to float");
```

```
}
```

```
}
```